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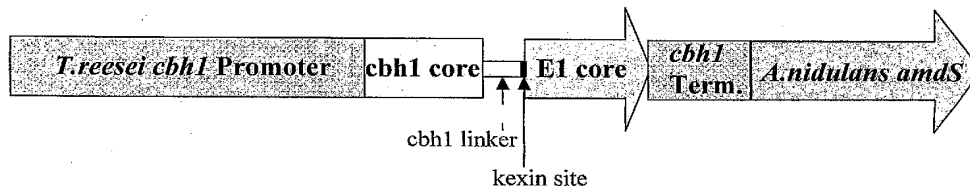
(54) Title: CELLULASE FUSION PROTEIN AND HETEROLOGOUS CELLULASE FUSION CONSTRUCT ENCODING THE SAME

CBH1-E1 Fusion Construct

T.reesei cbh1 core, linker (no CBD)

+

Acidothermus cellulolyticus endoglucanase 1 core (E1)



(57) Abstract: The present invention relates to a heterologous cellulase fusion construct, which encodes a fusion protein having cellulolytic activity comprising a first catalytic domain derived from a fungal exo-cellobiohydrolase and a second catalytic domain derived from a cellulase enzyme. The invention also relates to vectors and fungal host cells comprising the heterologous cellulase fusion construct as well as methods for producing said cellulase fusion protein and enzymatic cellulase compositions.



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